

IN THE CLAIMS:

All of the pending claims 1, 3-5, 7-9, and 11-20 are set forth below. The status of each claim is indicated with one of (currently amended), (cancelled), (new), or (previously presented). Please AMEND claims 1, 5, and 11-19 and ADD claim 20 in accordance with the following:

1. (currently amended) A portable terminal remote control method of remotely controlling a portable terminal from an external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium, the method comprising:

accepting a request by said external device related to a change of setting in said portable terminal from a user of said portable terminal via the wireless communication link; and

sending a single setting changing mail from said external device to said portable terminal in response to the accepted request, and

wherein the setting changing mail includes a computer program that changes contents of ~~both of the built-in memory and~~ together with contents of the storage medium of the portable terminal at a time, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is configured to execute a different function.

2. (cancelled)

3. (previously presented) The portable terminal remote control method according to claim 1, wherein the sending of the setting changing mail includes, upon acceptance of the request related to the change of setting in said portable terminal, generating the setting changing mail containing a computer program suitable to the received request.

4. (previously presented) The portable terminal remote control method according to claim 3, further comprising:

upon acceptance of the request related to the change of setting in said portable terminal from the user of said portable terminal, checking whether or not the user is an authorized user, and generating the setting changing mail only when the user is the authorized user.

5. (currently amended) A portable terminal remote control method of remotely controlling a portable terminal from an external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an

attachable/detachable storage medium, the method comprising:

receiving a single setting changing mail sent from said external device in said portable terminal, via the wireless communication link, the setting changing mail including a computer program that changes contents of both the built-in memory and the storage medium of the portable terminal at a time, and a setting changing identifier that identifies the setting changing mail;

identifying the setting changing mail based on the setting changing identifier; and

updating the contents of both of said built-in memory and said storage medium collectively based on content of the received setting changing mail such that said portable terminal is configured to execute a different function, and

where the updating is executed upon a corresponding receipt of the single setting changing mail via said built-in memory and via said storage medium.

6. (cancelled)

7. (previously presented) The portable terminal remote control method according to claim 5,

wherein said storage medium comprises an IC card or a subscriber identity module card issued by a communication provider, each provided with a processor and a memory so that in the collectively updating of the contents, said main body has a processor that updates the contents of said built-in memory by executing the computer program contained in said setting changing mail, and said IC card or subscriber identity module card is updated by a processor-to-processor communication between the processor in said main body and the processor in said IC card or in said subscriber identity module card.

8. (previously presented) The portable terminal remote control method according to claim 5 further comprising:

storing the received setting changing mail in said built-in memory; and

when said storage medium is replaced with another storage medium, updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in memory.

9. (previously presented) The portable terminal remote control method according to

claim 5 further comprising:

storing the received setting changing mail in said storage medium; and
when said storage medium is inserted into a main body of another portable terminal, updating contents in a built-in memory of said main body of the other portable terminal by running the computer program contained in the setting changing mail stored in said storage medium.

10. (cancelled)

11. (currently amended) A portable terminal remote control system, comprising:
an external device and a portable terminal, the external device remotely controlling said portable terminal via a wireless communication link and said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium, and
wherein said external device includes
an accepting unit accepting a request related to a change of setting in said portable terminal from a user of said portable terminal via the wireless communication link, and
a setting changing mail sending unit sending a single setting changing mail to said portable terminal in response to the accepted request, and
wherein the setting changing mail includes a computer program that changes contents of ~~both of the built-in memory and~~ together with contents of the storage medium of the portable terminal at a time, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is configured to execute a different function.

12. (currently amended) A computer-readable recording medium, in which a portable terminal remote control program is recorded, to allow an external device to remotely control a portable terminal having a main body provided with a built-in memory and an attachable/detachable storage medium, by recording a portable terminal remote control program to have a computer carry out operations, comprising:
accepting a request by said external device related to a change of setting in said portable terminal from a user of said portable terminal via a wireless communication link; and
sending a single setting changing mail from said external device to said portable terminal in response to the accepted request, and
wherein the setting changing mail includes a computer program that changes contents

of ~~both of the built-in memory and together with contents of~~ the storage medium of the portable terminal at a time, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is configured to execute a different function.

13. (currently amended) A portable terminal remote control system, comprising:
an external device and a portable terminal, the external device remotely controlling said portable terminal via a wireless communication link and said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium, and
wherein said portable terminal has a setting changing mail receiving unit receiving a single setting changing mail sent from said external device via the wireless communication link, the setting changing mail including a computer program that changes contents of both the built-in memory and the storage medium of the portable terminal at a time, and a setting changing identifier that identifies the setting changing mail;
an identifying unit identifying the setting changing mail based on the setting changing identifier; and
an updating unit updating the contents of both of said built-in memory and said storage medium collectively based on content of the received setting changing mail such that said portable terminal is configured to execute a different function, and
where the updating is executed upon a corresponding receipt of the single setting changing mail via said built-in memory and via said storage medium.

14. (currently amended) A portable terminal control method of remotely controlling a portable terminal via a wireless communication link, the portable terminal having a built-in memory and a removable storage unit, the method comprising:

accepting a request from the portable terminal related to a change of setting in the portable terminal; and

sending a single mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal responsive to the accepted request, the program code changing settings stored in ~~both the built-in memory and together with contents of~~ the removable storage unit at a time according to contents of the program code such that said portable terminal is configured to execute a different function.

15. (currently amended) A portable terminal remote control system to remotely control

a portable terminal via a wireless communication link, the portable terminal having a built-in memory, and a removable storage unit, comprising:

an accepting unit to accept a request of the portable terminal related to a change of setting in the portable terminal; and

a sending unit to send a single mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal, responsive to the accepted request, the program code changing settings stored in ~~both~~ the built-in memory and-together with contents of the removable storage unit at a time according to contents of the program code such that said portable terminal is configured to execute a different function.

16. (currently amended) A computer readable recording medium storing a program to cause a computer to remotely control a portable terminal having a built-in memory and a removable storage unit, comprising:

accepting a request from the portable terminal related to a change of setting in the portable terminal; and

sending a single mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal responsive to the accepted request, the program code changing settings stored in ~~both~~ the built-in memory and-together with contents of the removable storage unit at a time according to contents of the program code such that said portable terminal is configured to execute a different function.

17. (currently amended) A cell phone upgrade system, comprising:

a cell phone including an internal memory and a removable external memory, and sending, via a wireless communication link, a request to upgraded setting of the cell phone; and

an upgrade center to authenticate the cell phone and to allow upgrading thereof by sending a single electronic mail including a program code via the wireless communication link to the cell phone to change settings thereof by changing the settings stored in ~~both~~ the internal memory and-together with contents of removable external ~~memories~~ memory at a time such that said the cell phone is configured to execute a different function.

18. (currently amended) A method for controlling a portable terminal via an external device using a wireless communication link, comprising:

sending a single electronic mail in response to an accepted user's request to change setting information of the portable terminal having a first function via the external device; and
remotely configuring the portable terminal to have a second function based on the change of setting information sent via the external device, wherein the electronic mail includes a computer program to change contents of ~~both of a built-in memory and~~ together with contents of a detachable storage medium of the portable terminal at a time.

19. (currently amended) A method of controlling a portable terminal via an external device using a wireless communication link, comprising:

remotely configuring the portable terminal to change a function thereof responsive to an electronic mail transmitted to change setting information of the portable terminal, where the electronic mail change setting information changes contents of ~~both a built-in memory and~~ together with contents of a detachable storage medium of the portable terminal responsive to the electronic mail.

20. (new) A method of controlling a portable terminal via an external device using a wireless communication link, comprising:

causing corresponding contents of a built-in memory and a storage medium to be substantially simultaneously modified to effect a change to a setting of a first function in response to an electronic mail transmitted to the portable terminal; and

causing the portable terminal to operate a second function in accordance with the change to the setting of the first function in accordance with the electronic mail.